

Dynatec SERIES "P"

High Performance Metal-Seated Butterfly Valves

Wafer & Lug

Sizes 2" to 48" / DN 50 – DN 1200



Leading the Industry with Innovation by Design

High Performance Butterfly Valve

Features

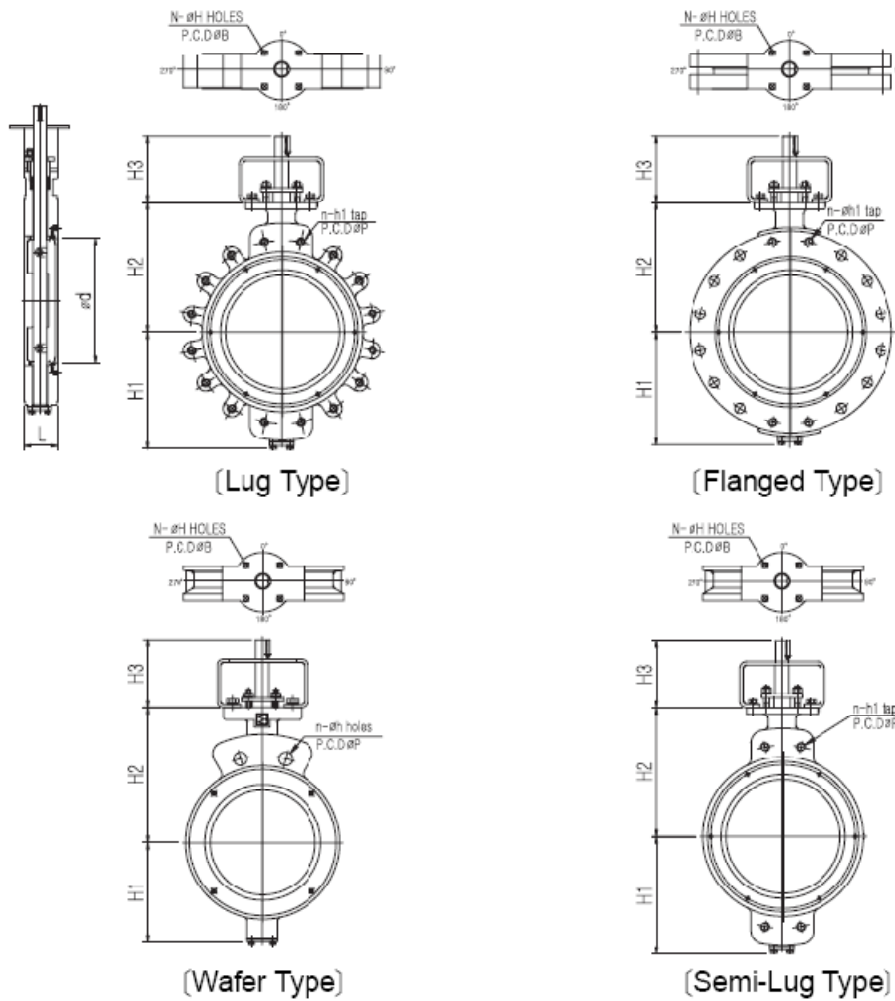
- Double eccentric
- Non-rubbing
- Zero leakage (or under 3×10^{-7} atm.cc/sec)

Applications

- Energy Systems – Moisture & circulating at power plants, thermoelectric and hydroelectric power plants, pure water cooling water, acidic water, etc.
- Water Treatment Plants – Water supply, sewerage, purifiers, and other water treatment facilities, city water, well water, river water, waste water, etc
- DHC and Air Conditioning – Cold water, warm water and clear water of water supply & drain line in local air cooling & heating systems.
- Shipbuilding – Fuel oil and lubricating oil in an engine room of cargo line, and other general shipboard uses.
- Semiconductor Industry – Processing line of ultra pure water and ultra pure gas, semiconductor product line, LCD & PDP product line, and condenser lines.
- Others – Chemical industry, food industry, steel works, etc.



Dimensions



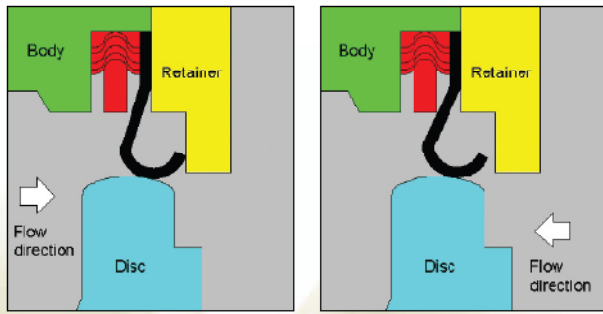
DIMENSIONS

(mm)

SIZE	L	Ød	ØD	H1	H2	H3	TOP FLANGE			ANSI 150LB		
							ISO 5211			n-Øh	H1	ØP
							ØB	N-ØH	TYPE			
2"	43	45	95	68	124	108	70	4-10	F7	4-19	5/8"	120.6
2.5"	46	52.5	108	71.5	140	108	70	4-10	F7	4-19	5/8"	139.7
3"	48	66	121	79.5	158.5	108	70	4-10	F7	4-19	5/8"	152.4
4"	52	88	155	95	173	108	70	4-10	F7	8-19	5/8"	190.5
5"	56	114	180	110.5	190	108	70	4-10	F7	8-22	3/4"	215.9
6"	56	139	205	126	205	108	70	4-10	F7	8-22	3/4"	241.3
8"	60	193	256	155	243.5	130	102	4-12	F10	8-22	3/4"	298.4
10"	70	235	321	210	272	150	102	4-12	F10	12-25	7/8"	361.9
12"	78	287	367	250	301.5	150	102	4-12	F10	12-25	7/8"	431.8
14"	78	323	413	275	340	150	102	4-12	F10	12-28	1"	476.2
16"	102	364	470	309.5	362	195	140	4-18	F14	16-28	1"	539.7
18"	114	409.5	534	347.5	377.5	210	140	4-18	F14	16-32	1-1/8"	577.8
20"	127	458	584	375	405	180	165	4-22	F16	20-32	1-1/8"	635
22"	154	512	643	421	458	210	165	4-22	F16	20-35	1-1/4"	692.1
24"	154	560	692	432.5	462.5	210	165	4-22	F16	20-35	1-1/4"	749.5
26"	165	620	749	527	560.5	240	165	4-22	F16	24-35	1-1/4"	806.5
28"	165	673	796	583	618	240	254	8-18	F25	28-35	1-1/4"	863.5
30"	190	728	851	634	665	240	254	8-18	F25	28-35	1-1/4"	914.5
32"	190	779	902	687	720	270	254	8-18	F25	28-42	1-1/2"	978
34"	203	831	957	746	777	270	254	8-18	F25	32-42	1-1/2"	1029
36"	203	885	1019	803	835	270	254	8-18	F25	32-42	1-1/2"	1086
40"	216	941	1076	863	896	305	254	8-18	F25	36-42	1-1/2"	1200
44"	241	1001	1139	908	949	305	350	8-23	F30	40-42	1-1/2"	1314.5
48"	254	1057	1200	986	953	305	350	8-23	F30	44-42	1-1/2"	1422.4

Dimension table could be flexible for product improvement reasons.

Metal Seat Design



The Dynatec "P" Series seat design offers a very high sealing capability, with a very low leakage rate.

"P" Series Product Code

Item	Size	Type	Class	Operator	Body	Disc	Seat	Shaft		
1	2	2	3	4	4	5	6	7	8	9
P	0	2	W	1	5	L	G	C	F	B

Example: High Performance, 2" Wafer, 150 lb, Lever Operator, A216WCB Body, A351 CF8M Disc, 316SS Seat, A276 316 Shaft

1 - Item			6 - Body		
P - High Performance			A - B148 C954	D - A351 CF3M	G - A216 WCB
2 - Size			B - A351 CF8	E - B584 C336	H - A536 Gr65-45-12
15 - 1.5"	08 - 8"	22 - 22"	C - A351 CF8M	F - A126 CLB	X - Other
02 - 2"	10 - 10"	24 - 24"	7 - Disc		
25 - 2.5"	12 - 12"	26 - 26"	A - B148 C954		
03 - 3"	14 - 14"	28 - 28"	B - A351 CF8		
04 - 4"	16 - 16"	30 - 30"	C - A351 CF8M		
05 - 5"	18 - 18"	32 - 32"	D - A351 CF3M		
06 - 6"	20 - 20"	34 - 34"	X - Other		
3 - Type			8 - Seat		
W - Wafer			E - 304SS		
L - Lug			H - Stellite 6		
4 - Class			F - 316 SS		
15 - 150 lb			I - Inconel		
30 - 300 lb			9 - Shaft		
60 - 600 lb			A - A276 304		
5 - Operator			F - A564 630		
L - lever	S - single air actuating		B - A276 316		
G - gear	D - double air actuating		G - A276 410		
C - chain	E - electric actuating		C - Inconel 625		
B - bare	X - other		X - Other		
			D - Monel K500		
			E - A276 316L		

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